

Form PTO-1449 (modified)
List of Patents and Publications
For Applicant's Information
Disclosure Statement
(Use several sheets if necessary)



ATTY. DKT. NO. 5659-06000

SERIAL NO. 09/841,284

APPLICANT: Vinegar et al.

GROUP: 3672

FILING DATE: April 24, 2001

U.S. PATENT DOCUMENTS

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
GS	U11	4006778	2/8/1977	Redford et al.			

OTHER ART

EXAM. INITIALS	REF. DES.	OTHER ART (including Author, Title, Date, Pertinent Pages, etc.)
GS	AA11	Van Krevelen, D. W.; COAL: Typology-Physics-Chemistry-Constitution, 1993, p. 371.

RECEIVED

MAR 04 2004

GROUP 3600

EXAMINER:

George Suchfield

DATE CONSIDERED:

9/1/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

Form PTO-1449 (modified)
List of Patents and Publications
For Applicant's Information
Disclosure Statement

ATTY. DKT. NO. 5659-06000
APPLICANT: Vinegar et al.
FILING DATE: April 24, 2001

SERIAL NO. 09/841,284
CONFIRMATION NO.: 4716
GROUP: 3672

OTHER ART

EXAM. INITIALS	REF. DES.	OTHER ART (including Author, Title, Date, Pertinent Pages, etc.)
GS	OA-01	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,431, Mailed September 19, 2002 (17 pages).
	OA-02	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,308, Mailed November 14, 2002 (19 pages).
	OA-03	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,446, Mailed October 10, 2002 (20 pages).
	OA-04	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,446, Mailed August 12, 2003 (16 pages).
	OA-05	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,439, Mailed November 4, 2002 (13 pages).
	OA-06	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,061, Mailed May 20, 2002 (15 pages).
	OA-07	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,061, Mailed December 2, 2002 (16 pages).
	OA-08	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,061, Mailed June 9, 2003 (13 pages).
	OA-09	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,061, Mailed November 26, 2003 (7 pages).
	OA-10	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,128, Mailed August 27, 2002 (23 pages).
	OA-11	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,128, Mailed March 11, 2003 (23 pages).
	OA-12	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,128, Mailed August 19, 2003 (20 pages).
	OA-13	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,493, Mailed October 31, 2002 (13 pages).
	OA-14	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,302, Mailed January 23, 2003 (19 pages).
	OA-15	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,302, Mailed July 21, 2003 (20 pages).
	OA-16	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,302, Mailed January 9, 2004 (4 pages).
	OA-17	U.S. Patent and Trademark Office, "Office Communication" for Application No. 09/841,440, Mailed December 18, 2003 (19 pages).
GS	OA-18	U.S. Patent and Trademark Office, "Office Communication" for Application No. 10/131,351 Mailed July 19, 2004 (12 pages).

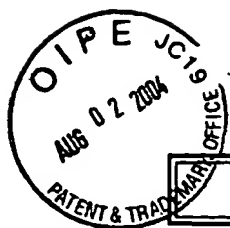
EXAMINER:

George Suchfield

DATE CONSIDERED:

9/2/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of
Invention

IN SITU THERMAL PROCESSING OF A COAL
FORMATION TO INCREASE PERMEABILITY/POROSITY
OF THE FORMATION

Application Number: 09/841284



Confirmation Number: 4716

First Named Applicant: Harold Vinegar

Attorney Docket Number: 5659-06000

Art Unit: 3672

Examiner: George A Suchfield

Search string: (3004596 or 3342258 or 3455383 or 3501201
or 3502372 or 3759574 or 4160479 or 4375302
or 4483398 or 4815790).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
69	1	3004596	1961-10-17	Parker et al.			
	2	3342258	1967-09-19	Prats			
	3	3455383	1969-07-15	Prats et al.			
	4	3501201	1970-03-17	Closmann et al.			
	5	3502372	1970-03-24	Prats			
	6	3759574	1973-09-18	Beard			
	7	4160479	1979-07-10	Richardson et al.			
	8	4375302	1983-03-01	Kalmar			
	9	4483398	1984-11-20	Peters et al.			
69	10	4815790	1989-03-28	Rosar et al.			

Remarks

Note: Remarks are not for responding to an office action.

Other Art has been submitted on a FORM PTO 1449.

Signature

Examiner Name	Date
George Suchfield	9/2/04



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of
Invention

IN SITU THERMAL PROCESSING OF A COAL
FORMATION TO INCREASE PERMEABILITY/POROSITY
OF THE FORMATION

Application Number: 09/841284



Confirmation Number: 4716

First Named Applicant: Harold Vinegar

Attorney Docket Number: 5659-06000

Art Unit: 3672

Examiner: George A Suchfield

Search string: (3994340 or 3994341 or 4460044 or 4696345
or 2584605 or 2969226 or 3982591 or
3982592).pn.

Certification: This Information Disclosure Statement was submitted under the following conditions, which satisfies the requirement under 37 CFR 1.97(e). The filer certified:

That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
GS	1	3994340	1976-11-30	Anderson et al.			
	2	3994341	1976-11-30	Anderson et al.			
	3	4460044	1984-07-17	Porter			
	4	4696345	1987-09-29	Hsueh			
	5	2584605	1952-02-05	Merriam et al.			
GS	6	2969226	1961-01-24	Huntington			



67	7	3982591	1976-09-28	Hamrick et al.
69	8	3982592	1976-09-28	Hamrick et al.

Signature

Examiner Name	Date
George Suchfield	9/7/04

Form PTO-1449 (modified)
List of Patents and Publications
For Applicant's Information
Disclosure Statement
(Use several sheets if necessary)



ATTY. DKT. NO. 5659-06000

SERIAL NO. 09/841,284

APPLICANT: Vinegar et al.

GROUP: 3672

FILING DATE: April 24, 2001

U.S. PATENT DOCUMENTS

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
GS	U11	4006778	2/8/1977	Redford et al.			

OTHER ART

EXAM. INITIALS	REF. DES.	OTHER ART (including Author, Title, Date, Pertinent Pages, etc.)
GS	AA11	Van Krevelen, D. W.; COAL: Typology-Physics-Chemistry-Constitution, 1993, p. 371.

RECEIVED

MAR 04 2004

GROUP 3600

EXAMINER:

George Suchfield

DATE CONSIDERED:

9/5/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.